

Listing of Claims:

Claims 1-25 (Canceled).

26. (New) An image file storing and outputting system
comprising:

an image data storing apparatus for storing plural sets of
raw image data together with respective supplemental information
5 for each of the plural sets of raw image data, wherein each set
of raw image data comprises raw image data output by an image
reading device, which obtains the raw image data by reading, with
a sampling pitch, a radiation image obtained by radiographing,
with a magnification, a body part of a patient having an ID code
10 by one of an absorption contrast radiography and a phase contrast
radiography, and wherein the supplemental information comprises
the ID code of the patient corresponding to the raw image data,
and at least one of: a set of information including the
magnification of the radiographing and the sampling pitch with
15 which the radiation image was read by the image reading device,
and a full size sampling pitch calculated based on the set of
information;

a resolving power conversion apparatus for converting one of
the sets of raw image data stored in the image data storing
20 apparatus based on a predetermined resolving power and the
supplemental information attached to the set of raw image data;

an input apparatus, which is connected to the resolving power conversion apparatus, for inputting the predetermined resolving power; and

25 an image output apparatus for outputting an image based on the converted image data converted by the resolving power conversion apparatus.

27. (New) The system according to claim 26, wherein the image output apparatus comprises a display.

28. (New) The system according to claim 26, wherein the image output apparatus comprises a printer.

29. (New) The system according to claim 26, wherein the resolving power conversion apparatus converts the raw image data to the predetermined resolving power, and a magnification/reduction ratio at a time of conversion is calculated from the full size sampling pitch.

30. (New) The system according to claim 29, wherein the resolving power conversion apparatus converts the raw image data based on the calculated magnification/reduction ratio.

31. (New) The system according to claim 30, wherein the resolving power conversion apparatus converts the raw image data based on the calculated magnification/reduction ratio so that the magnification becomes a full size.